

POLYelast

TPE EC88R

PP/EPDM

Property	Value	Unit	Standard
Density	0,90	g/cm ³	ISO 1183
MFI at 230°C/2,16kg	3	g/10min	ISO 1133
Hardness Shore A (15 s)	88	Shore A	D2240
Hardness Shore D (15 s)	30	Shore D	D2240
Mould shrinkage (with flow)	0,9-1,1	%	ISO 294-4
Mould shrinkage (across flow)	0,9-1,1	%	ISO 294-4
Elongation at break	>55	%	ISO 527-2
Elongation at yield		%	ISO 527-2
Maximum tensile strength	15	MPa	ISO 527-2
Maximum flexural strength		MPa	ISO 178
Flexural modulus at +23°C	450	MPa	ISO 178
Impact strength			
Notched Charpy at +23°C	NB	kJ/m ²	ISO 179
Notched Charpy at -20°C	NB	kJ/m ²	ISO 179
Softening temperature			
Vicat 50°C/h at 49,05N (B)		°C	ISO 306
Heat Distortion Temperature			
HDT 120°C/h at 455kPa (B)	56	°C	ISO 75/1
Ozone and weather resistance			
Service temperature		°C	

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